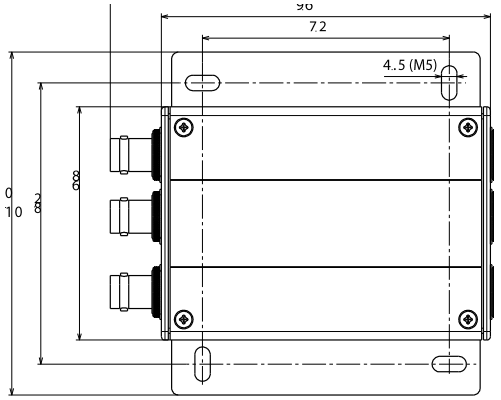
CSA121

PASSIVE WIDEBAND COMBINER → 1 x 2:1
PASSIVE WIDEBAND SPLITTER → 1 x 1:2

CSA121 is designed to combine different areas, covered by antennas in diversity configuration.
CSA121 is DC-coupled for use with antenna booster: it can handle up to 1.5 Amp without saturation for high power booster (BAW) powering. Mounting plate hole M5.
It is supplied with a power supply for the booster voltage.
In case a booster voltage is not needed, use the CSA221 to have a double splitter combiner.
CSA121B can be used to combine transmitter up to 2 Watts.

FEATURES:

- ✓ Small and compact splitter/combiner, stripline construction
- ✓ Wide band operation
- ✓ High current standing for high IP3 booster driving (i.e. Wisycom BAW)
- ✓ Available on **CSA121B(*)** version to allow ALSO power transmitter combining (up 2 Watts)
- ✓ Supplied with 230/110 Vac power supply with locking connector



Instruction

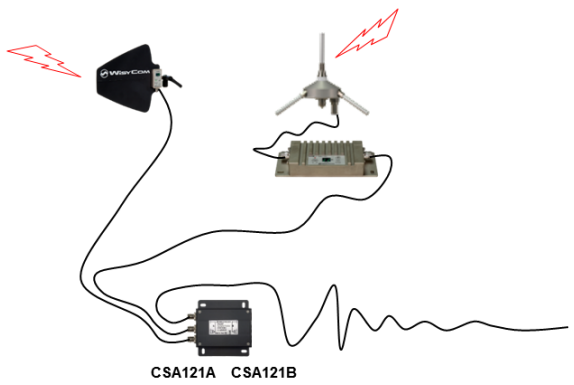
Combining:	Input are [1] & [2]	→	output [C] (combined signals)
Splitter:	Input is [C]	→	output [1] & [2] (split signals)

Technical Data

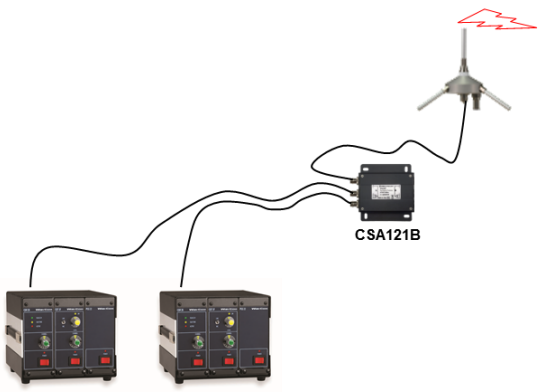
Connectors: 3 Bnc-F
Splitter/Combiner loss: 4 dB
Max current thru port: 1.5 A
Max input power (CSA121A) : 125 mW

Bandwidth: 470 MHz – 870MHz
Case: Aluminum, black varnish
Weight: 220 g
Impedance: 50 Ω

COMBINER CONFIGURATION WITH HIGH CURRENT BOOSTER



COMBINER CONFIGURATION WITH HIGH POWER TRANSMITTER



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